

Title (en)

FINGERPRINT IDENTIFICATION DEVICE AND MOBILE TERMINAL HAVING SAME

Title (de)

FINGERABDRUCKIDENTIFIKATIONSVORRICHTUNG UND MOBILES ENDGERÄT DAMIT

Title (fr)

DISPOSITIF D'IDENTIFICATION D'EMPREINTES DIGITALES ET TERMINAL MOBILE MUNI DE CELUI-CI

Publication

**EP 3101588 B1 20191204 (EN)**

Application

**EP 14880565 A 20140815**

Priority

- CN 201410042178 A 20140128
- CN 2014084560 W 20140815

Abstract (en)

[origin: EP3101588A1] The present disclosure discloses a fingerprint identification apparatus and a mobile terminal using the same. The fingerprint identification apparatus includes: a fingerprint identification module, including a sensing circuit, a control circuit and a base plate, wherein the sensing circuit is arranged on the base plate via a support member and electrically connected to the base plate, and the control circuit is electrically connected to the base plate and located beneath the sensing circuit. a conductor holder, the conductor holder being provided with a through hole, covering the fingerprint identification module and electrically connected to the base plate; and a dielectric cover sheet, the dielectric cover sheet being assembled in the through hole and connected to the sensing circuit.

IPC 8 full level

**G06K 9/00** (2006.01)

CPC (source: CN EP KR US)

**G06V 40/1306** (2022.01 - CN EP KR US); **H03K 17/962** (2013.01 - KR); **H04M 1/0202** (2013.01 - KR); **H04M 1/66** (2013.01 - KR); **G06F 2218/10** (2023.01 - EP US); **H01L 2224/48091** (2013.01 - EP US); **H04M 2203/6054** (2013.01 - KR)

Cited by

EP3422248A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3101588 A1 20161207**; **EP 3101588 A4 20180228**; **EP 3101588 B1 20191204**; CN 103793691 A 20140514; CN 106407954 A 20170215; KR 20160102482 A 20160830; US 2016335468 A1 20161117; US 9971923 B2 20180515; WO 2015113396 A1 20150806

DOCDB simple family (application)

**EP 14880565 A 20140815**; CN 2014084560 W 20140815; CN 201410042178 A 20140128; CN 201610913691 A 20140128; KR 20167019624 A 20140815; US 201615218081 A 20160725